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NEWS	2	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS	3	NOV 26	MARPAT enhanced with FSORT command
NEWS	4	NOV 26	CHEMSAFE now available on STN Easy
NEWS	5	NOV 26	Two new SET commands increase convenience of STN searching
NEWS	6	DEC 01	ChemPort single article sales feature unavailable
NEWS	7	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS	8	DEC 17	Fifty-one pharmaceutical ingredients added to PS
NEWS	9	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	10	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	11	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	12	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	13	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	14	FEB 10	COMPENDEX reloaded and enhanced
NEWS	15	FEB 11	WTEXTILES reloaded and enhanced
NEWS	16	FEB 19	New patent-examiner citations in 300,000 CA/CAPLUS patent records provide insights into related prior art
NEWS	17	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	18	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	19	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	20	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	21	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	22	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS	23	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS	24	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS	25	MAR 11	ESBIOBASE reloaded and enhanced
NEWS	26	MAR 20	CAS databases on STN enhanced with new super role

for nanomaterial substances  
NEWS 27 MAR 23 CA/CAPLUS enhanced with more than 250,000 patent  
equivalents from China  
NEWS 28 MAR 30 IMSPATENTS reloaded and enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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NEWS IPC8 For general information regarding STN implementation of IPC 8

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\* \* \* \* \* STN Columbus \* \* \* \* \*

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STRUCTURE FILE UPDATES: 27 MAR 2009 HIGHEST RN 1128305-29-2  
DICTIONARY FILE UPDATES: 27 MAR 2009 HIGHEST RN 1128305-29-2

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chain nodes :
6 7 11 12
ring nodes :
1 2 3 4 5 9
chain bonds :
1-6 3-12 4-11 6-7 6-9
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 2-3 3-4 3-12 4-5 4-11 6-7 6-9
exact bonds :
1-6
isolated ring systems :
containing 1 :
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G1:O,S

G2:Cb,Cy,Hy

Match level :

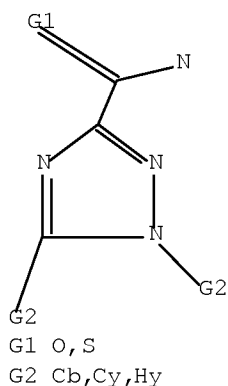
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 9:Atom 11:CLASS 12:CLASS

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FILE 'CAPLUS' ENTERED AT 11:29:02 ON 30 MAR 2009  
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FILE COVERS 1907 - 30 Mar 2009 VOL 150 ISS 14  
FILE LAST UPDATED: 29 Mar 2009 (20090329/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 11 SSS full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
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FULL SEARCH INITIATED 11:29:06 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 234495 TO ITERATE

81.3% PROCESSED 190655 ITERATIONS 462 ANSWERS

100.0% PROCESSED 234495 ITERATIONS 462 ANSWERS  
SEARCH TIME: 00.00.21

L2 462 SEA SSS FUL L1

L3 9 L2

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YOU HAVE REQUESTED DATA FROM 9 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 2006:380879 CAPLUS Full-text  
DOCUMENT NUMBER: 144:432814  
TITLE: Preparation of 1,5-diheterocyclyl-1H-triazole  
derivatives as platelet aggregation inhibitors  
INVENTOR(S): Kanaya, Naoaki; Fujii, Kunihiro  
PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan  
SOURCE: PCT Int. Appl., 123 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2006043594	A1	20060427	WO 2005-JP19207	20051019
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2005296582	A1	20060427	AU 2005-296582	20051019
CA 2583153	A1	20060427	CA 2005-2583153	20051019
EP 1803719	A1	20070704	EP 2005-795875	20051019
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 101039934	A	20070919	CN 2005-80035228	20051019
NO 2007001826	A	20070614	NO 2007-1826	20070410
KR 2007063530	A	20070619	KR 2007-708162	20070410
MX 2007004643	A	20070608	MX 2007-4643	20070418
US 20080125409	A1	20080529	US 2007-577476	20070418

PRIORITY APPLN. INFO.:

JP 2004-303851

A 20041019

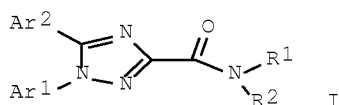
WO 2005-JP19207

W 20051019

OTHER SOURCE(S):

MARPAT 144:432814

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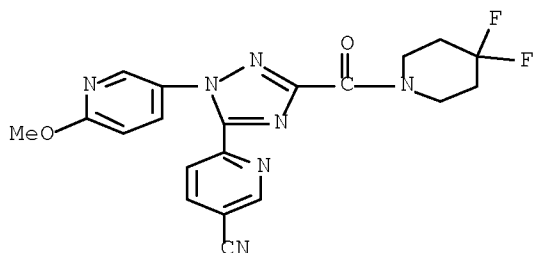


AB The title compds. represented by the general formula (I) [wherein Ar1, Ar2 = (un)substituted 5- or 6-membered aromatic heterocyclyl; R1, R2 = H, each (un)substituted lower alkyl, alicyclic heterocyclyl, carbamoyl, or NH2 HO; or NR1R2 together represents an (un)substituted 4- to 7-membered alicyclic heterocyclyl optionally containing one N or O atom other than the ring N atom], salts thereof, or solvates of either are prepared These compds. are potent platelet aggregation inhibitors which inhibit neither COX-1 nor COX-2, and are useful for the prevention and treatment of ischemic diseases. Thus, 1-(6-methoxy-3-pyridyl)-5-(5-methyl-2-pyridyl)-1H-1,2,4- triazole-3-carboxylic acid was condensed with neopentylamine using 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride, Et3N, and 1-hydroxybenzotriazole in DMF at room temperature for 48 h to give 1-(6-methoxy-3-pyridyl)-5-(5-methyl-2-pyridyl)-1H-1,2,4-triazole-3- carboxylic acid N-neopentylamide (II). II showed IC50 of 0.013  $\mu$ M for inhibiting the collagen-induced aggregation of human blood platelet.

IT 787563-08-0P, 1-[[5-(5-Cyano-2-pyridyl)-1-(6-methoxy-3-pyridyl)-1H-1,2,4-triazol-3-yl]carbonyl]-4,4-difluoropiperidine 884596-95-6P  
, 1-[[5-(5-Fluoro-2-pyridyl)-1-(6-methoxy-3-pyridyl)-1H-1,2,4-triazol-3-yl]carbonyl]-4-methoxypiperidine  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(intermediate; preparation of 1,5-diheterocyclyl-1H-triazole derivs. as platelet aggregation inhibitors for prevention or treatment of ischemic diseases)

RN 787563-08-0 CAPLUS

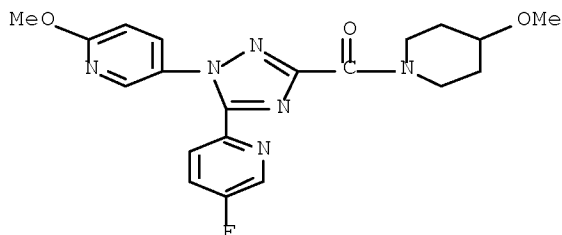
CN 3-Pyridinecarbonitrile, 6-[3-[(4,4-difluoro-1-piperidinyl)carbonyl]-1-(6-methoxy-3-pyridinyl)-1H-1,2,4-triazol-5-yl]- (CA INDEX NAME)



RN 884596-95-6 CAPLUS

CN Methanone, [5-(5-fluoro-2-pyridinyl)-1-(6-methoxy-3-pyridinyl)-1H-1,2,4-

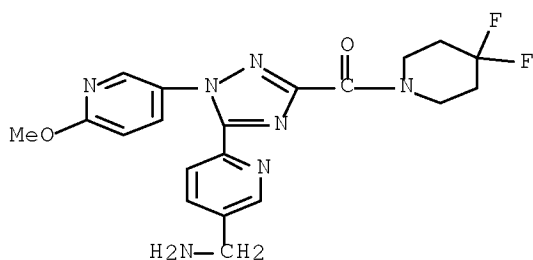
triazol-3-yl](4-methoxy-1-piperidiny)- (CA INDEX NAME)



IT 884597-10-8P, 1-[[5-(5-Aminomethyl-2-pyridyl)-1-(6-methoxy-3-pyridyl)-1H-1,2,4-triazol-3-yl]carbonyl]-4,4-difluoropiperidine  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (preparation of 1,5-diheterocyclyl-1H-triazole derivs. as platelet aggregation inhibitors for prevention or treatment of ischemic diseases)

RN 884597-10-8 CAPLUS

CN Methanone, [5-[5-(aminomethyl)-2-pyridinyl]-1-(6-methoxy-3-pyridinyl)-1H-1,2,4-triazol-3-yl](4,4-difluoro-1-piperidiny)- (CA INDEX NAME)



IT 884596-93-4P, 1-[[1-(6-Methoxy-3-pyridyl)-5-(5-methyl-2-pyrazinyl)-1H-1,2,4-triazol-3-yl]carbonyl]-4,4-difluoropiperidine  
 884596-94-5P, 1-[[1-(6-Methoxy-3-pyridyl)-5-(5-methyl-2-pyrazinyl)-1H-1,2,4-triazol-3-yl]carbonyl]-4-methoxypiperidine 884596-96-7P  
 , 1-[[1-(6-Methoxy-3-pyridyl)-5-(2-pyridyl)-1H-1,2,4-triazol-3-yl]carbonyl]-4,4-difluoropiperidine 884596-97-8P,  
 1-[[1-(6-Methoxy-3-pyridyl)-5-(2-pyridyl)-1H-1,2,4-triazol-3-yl]carbonyl]-4-methoxypiperidine 884596-98-9P,  
 1-[[1-(6-Methoxy-3-pyridyl)-5-(2-pyridyl)-1H-1,2,4-triazol-3-yl]carbonyl]-3,3-difluoroazetidine 884596-99-0P,  
 1-[[1-(6-Methoxy-3-pyridyl)-5-(5-methyl-2-pyridyl)-1H-1,2,4-triazol-3-yl]carbonyl]-4-methylpiperazine 884597-02-8P,  
 1-[[1-(6-Methoxy-3-pyridyl)-5-(1-methyl-1H-imidazol-4-yl)-1H-1,2,4-triazol-3-yl]carbonyl]-4,4-difluoropiperidine 884597-06-2P,  
 1-[[1-(6-Methoxy-3-pyridyl)-5-(5-methyl-2-pyridyl)-1H-1,2,4-triazol-3-yl]carbonyl]-4-methyl-3-oxopiperazine 884597-07-3P,  
 (2S)-1-[[1-(6-Methoxy-3-pyridyl)-5-(5-methyl-2-pyridyl)-1H-1,2,4-triazol-3-yl]carbonyl]-2-fluoromethylpyrrolidine 884597-08-4P,

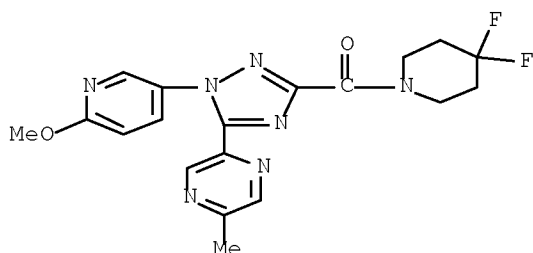
4-[[1-(6-Methoxy-3-pyridyl)-5-(5-methyl-2-pyridyl)-1H-1,2,4-triazol-3-yl]carbonyl]morpholine 884597-09-5P,  
 1-[[5-(5-Carbamoyl-2-pyridyl)-1-(6-methoxy-3-pyridyl)-1H-1,2,4-triazol-3-yl]carbonyl]-4,4-difluoropiperidine 884597-11-9P,  
 1-[[5-(5-Hydroxymethyl-2-pyridyl)-1-(6-methoxy-3-pyridyl)-1H-1,2,4-triazol-3-yl]carbonyl]-4,4-difluoropiperidine

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1,5-diheterocyclyl-1H-triazole derivs. as platelet aggregation inhibitors for prevention or treatment of ischemic diseases)

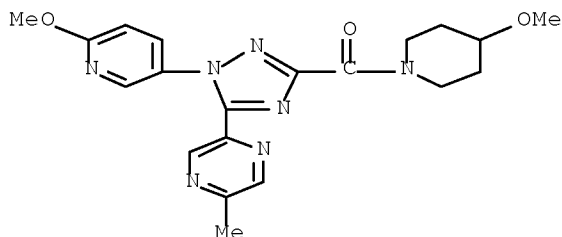
RN 884596-93-4 CAPLUS

CN Methanone, (4,4-difluoro-1-piperidinyl)[1-(6-methoxy-3-pyridinyl)-5-(5-methyl-2-pyrazinyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)



RN 884596-94-5 CAPLUS

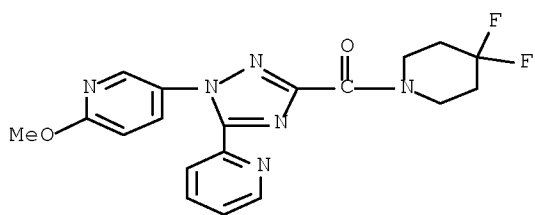
CN Methanone, (4-methoxy-1-piperidinyl)[1-(6-methoxy-3-pyridinyl)-5-(5-methyl-2-pyrazinyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)



RN 884596-96-7 CAPLUS

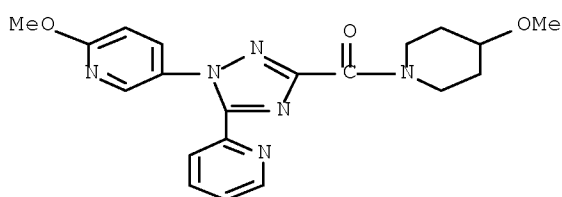
CN Methanone, (4,4-difluoro-1-piperidinyl)[1-(6-methoxy-3-pyridinyl)-5-(2-pyridinyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)





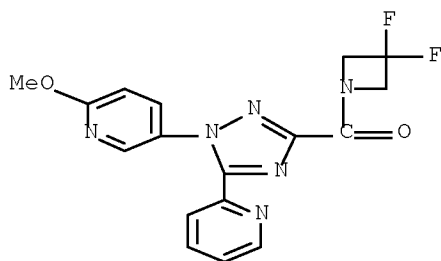
RN 884596-97-8 CAPLUS

CN Methanone, (4-methoxy-1-piperidinyl) [1-(6-methoxy-3-pyridinyl)-5-(2-pyridinyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)



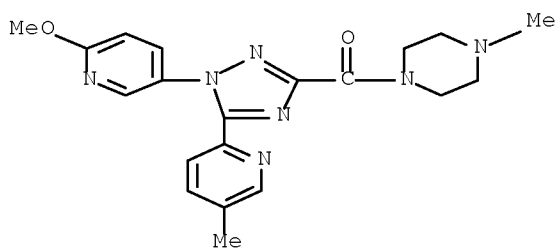
RN 884596-98-9 CAPLUS

CN Methanone, (3,3-difluoro-1-azetidiny) [1-(6-methoxy-3-pyridinyl)-5-(2-pyridinyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)



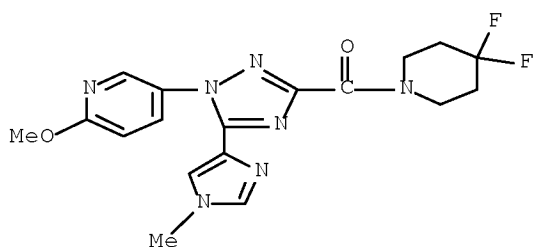
RN 884596-99-0 CAPLUS

CN Methanone, [1-(6-methoxy-3-pyridinyl)-5-(5-methyl-2-pyridinyl)-1H-1,2,4-triazol-3-yl] (4-methyl-1-piperazinyl)- (CA INDEX NAME)



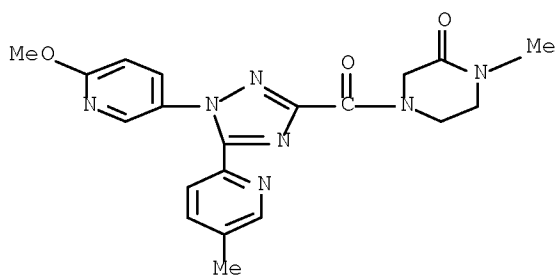
RN 884597-02-8 CAPLUS

CN Methanone, (4,4-difluoro-1-piperidinyl)[1-(6-methoxy-3-pyridinyl)-5-(1-methyl-1H-imidazol-4-yl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)



RN 884597-06-2 CAPLUS

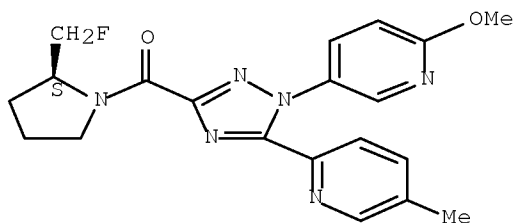
CN 2-Piperazinone, 4-[[1-(6-methoxy-3-pyridinyl)-5-(5-methyl-2-pyridinyl)-1H-1,2,4-triazol-3-yl]carbonyl]-1-methyl- (CA INDEX NAME)



RN 884597-07-3 CAPLUS

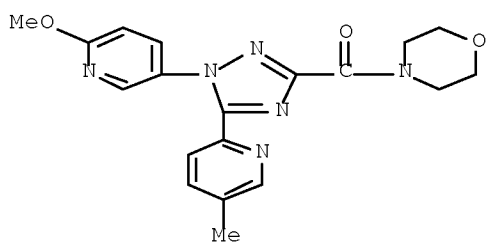
CN Methanone, [(2S)-2-(fluoromethyl)-1-pyrrolidinyl][1-(6-methoxy-3-pyridinyl)-5-(5-methyl-2-pyridinyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)

Absolute stereochemistry.



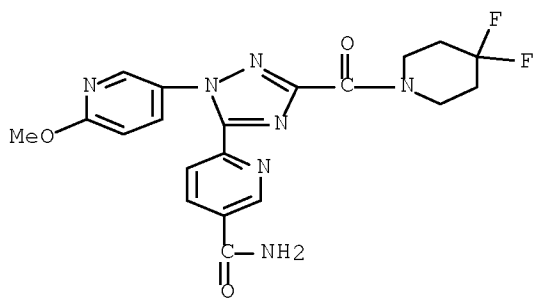
RN 884597-08-4 CAPLUS

CN Methanone, [1-(6-methoxy-3-pyridinyl)-5-(5-methyl-2-pyridinyl)-1H-1,2,4-triazol-3-yl]-4-morpholinyl- (CA INDEX NAME)



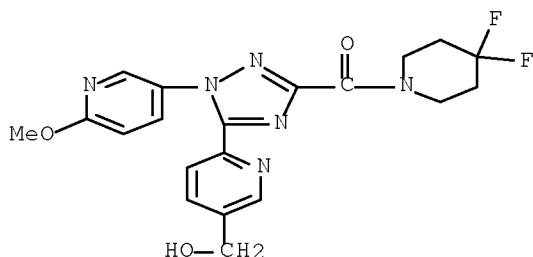
RN 884597-09-5 CAPLUS

CN 3-Pyridinecarboxamide, 6-[3-[(4,4-difluoro-1-piperidinyl)carbonyl]-1-(6-methoxy-3-pyridinyl)-1H-1,2,4-triazol-5-yl]- (CA INDEX NAME)



RN 884597-11-9 CAPLUS

CN Methanone, (4,4-difluoro-1-piperidinyl)[5-[5-(hydroxymethyl)-2-pyridinyl]-1-(6-methoxy-3-pyridinyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:497497 CAPLUS Full-text

DOCUMENT NUMBER: 143:43882

TITLE: Preparation of 1H-1,2,4-triazole-3-carboxamide derivatives showing CB1-antagonistic activity and combination treatment involving the compounds

INVENTOR(S): Antel, Jochen; Gregory, Peter-Colin; Waldeck, Harald; Krause, Gunter; Lange, Josephus Hubertus Maria; Kruse, Cornelis Gerrit

PATENT ASSIGNEE(S): Germany

SOURCE: U.S. Pat. Appl. Publ., 27 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

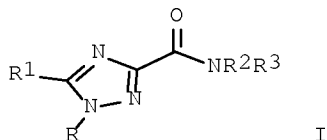
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050124660	A1	20050609	US 2004-969840	20041022
PRIORITY APPLN. INFO.:			US 2003-513995P	P 20031027
OTHER SOURCE(S):			CASREACT 143:43882; MARPAT 143:43882	

GI



AB The present invention relates to a novel medical use of compds. with CB1-receptor activity selected from the group of 4,5-dihydro-1H-pyrazole derivs., 1H-imidazole derivs., thiazole derivs. and/or 1H-1,2,4-triazole-3-carboxamide derivs. or of a prodrug thereof, a tautomer thereof or a salt thereof, in the manufacture of medicaments for the treatment and/or prophylaxis of CB1 receptor related diseases in juvenile patients and/or for the treatment and/or prophylaxis of drug induced obesity in juvenile, as well as in adolescent, patients. Furthermore, the invention pertains to the use of said compds. with

CB1-receptor activity in combination with lipase inhibitors. Said compds. are particularly suitable in combination with lipase inhibitors in the manufacture of medicaments for the treatment and/or prophylaxis of obesity in adolescent or in juvenile patients and/or for the treatment and/or prophylaxis of drug induced obesity in juvenile as well as in adolescent patients. Preferred lipase inhibitors are orlistat, panclicins, ATL-962 and/or lipstatin. I was prepared and other similar compds. were tested for human cannabinoid CB1 receptor affinity and in vitro antagonism.

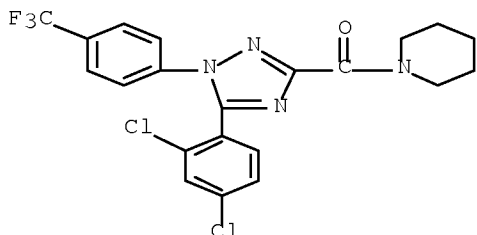
IT 676457-12-8P 676457-31-1P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1H-1,2,4-triazole-3-carboxamide derivs. showing CB1-antagonistic activity)

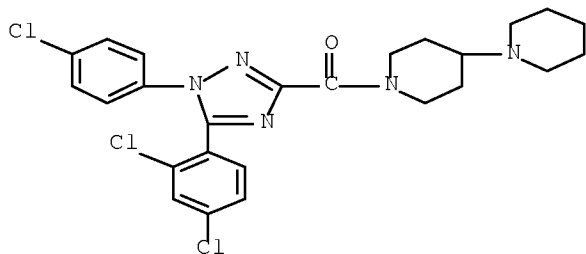
RN 676457-12-8 CAPLUS

CN Methanone, [5-(2,4-dichlorophenyl)-1-[4-(trifluoromethyl)phenyl]-1H-1,2,4-triazol-3-yl]-1-piperidinyl- (CA INDEX NAME)



RN 676457-31-1 CAPLUS

CN Methanone, [1,4'-bipiperidin]-1'-yl[1-(4-chlorophenyl)-5-(2,4-dichlorophenyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)



L3 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:395074 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 142:447220

TITLE: Preparation of 1H-1,2,4-triazole-3-carboxamides as cannabinoid-CB1 receptor ligands

INVENTOR(S): Antel, Jochen; Gregory, Peter-Colin; Waldeck, Harald; Krause, Guenter; Lange, Josephus Hubertus Maria; Kruse, Chris

PATENT ASSIGNEE(S): Solvay Pharmaceuticals G.m.b.H., Germany

SOURCE: PCT Int. Appl., 63 pp.

CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005039550	A2	20050506	WO 2004-EP52639	20041022
WO 2005039550	A3	20070322		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004283056	A1	20050506	AU 2004-283056	20041022
CA 2543338	A1	20050506	CA 2004-2543338	20041022
BR 2004015851	A	20070102	BR 2004-15851	20041022
EP 1753413	A2	20070221	EP 2004-817279	20041022
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, HR, LT, LV, MK				
JP 2007513872	T	20070531	JP 2006-536096	20041022
CN 1997364	A	20070711	CN 2004-80030116	20041022
MX 2006004434	A	20060620	MX 2006-4434	20060421
PRIORITY APPLN. INFO.:			EP 2003-103961	A 20031024
			EP 2003-103967	A 20031027
			WO 2004-EP52639	W 20041022
OTHER SOURCE(S):			MARPAT 142:447220	
GI				

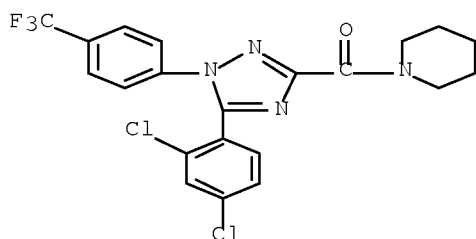
\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB The novel use of nitrogen heterocycles I-V [R, R1, R5, R11 = Ph, naphthyl, thienyl, pyridyl, etc.; R2, = H, alkyl, cycloalkylalkyl, Ph, etc.; R3 = alkyl, alkoxy, cycloalkyl, etc.; or NR2R3 = (un)saturated monocyclic or bicyclic heterocyclyl; R7 = (un)branched alkyl] for treatment of cannabinoid-CB1 receptor related diseases, especially in juveniles, is described. A 4-step synthesis of triazolecarboxamide VI.HCl starting from di-Me aminomalonate.HCl 4-chlorobenzoyl chloride, 2,4-dichloroaniline, and 1-aminopiperidine is given. Furthermore, the invention pertains to the use of I-V in combination with lipase inhibitors. Preferred lipase inhibitors are olistat, panclicins, ATL-962, and/or lipstatin.

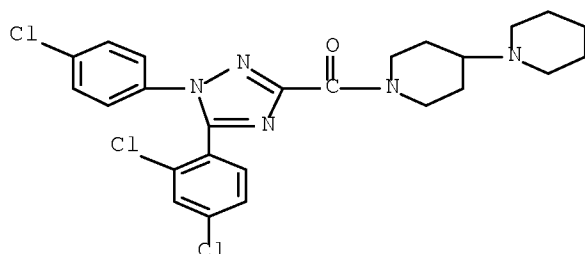
IT 676457-12-8P 676457-31-1P  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of triazolecarboxamides as cannabinoid-CB1 receptor ligands for treatment of drug-induced obesity in juveniles and adolescents)

RN 676457-12-8 CAPLUS

CN Methanone, [5-(2,4-dichlorophenyl)-1-[4-(trifluoromethyl)phenyl]-1H-1,2,4-triazol-3-yl]-1-piperidinyl- (CA INDEX NAME)



RN 676457-31-1 CAPLUS  
 CN Methanone, [1,4'-bipiperidin]-1'-yl[1-(4-chlorophenyl)-5-(2,4-dichlorophenyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)



REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2004:927195 CAPLUS Full-text  
 DOCUMENT NUMBER: 141:395556  
 TITLE: Preparation of azole compounds as platelet aggregation inhibitors  
 INVENTOR(S): Okayama, Toru; Uoto, Kouichi; Ishiyama, Takashi; Kanaya, Naoaki; Kimura, Youichi; Ishihara, Hiroaki; Watanabe, Toshiyuki; Fujii, Kunihiro  
 PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co. Ltd., Japan  
 SOURCE: PCT Int. Appl., 223 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004094407	A1	20041104	WO 2004-JP5605	20040420
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,				

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,  
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,  
TD, TG

AU 2004232577	A1	20041104	AU 2004-232577	20040420
CA 2522536	A1	20041104	CA 2004-2522536	20040420
EP 1621537	A1	20060201	EP 2004-728462	20040420
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CN 1774435	A	20060517	CN 2004-80010326	20040420
NO 2005004854	A	20051115	NO 2005-4854	20051020
MX 2005011276	A	20060124	MX 2005-11276	20051020
US 20060189591	A1	20060824	US 2005-553982	20051020
PRIORITY APPLN. INFO.:			JP 2003-115204	A 20030421
			JP 2004-42859	A 20040219
			WO 2004-JP5605	W 20040420
OTHER SOURCE(S):			MARPAT 141:395556	
GI				

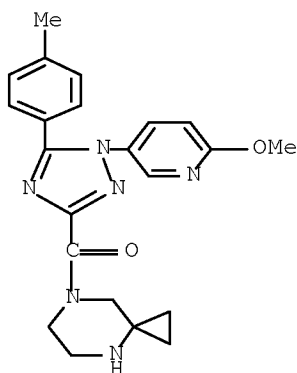
\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Title compds. Q-X-Y (I) [Q = II, etc.; Ar1, Ar2 = (un)substituted 6-membered aromatic heterocycles; (un)substituted phenyl; R2 = H, halo, etc.; X = carbonyl, thiocarbonyl; Y = III; A = 4-7 membered ring, further detail on said ring is given; R1 = OH, etc.] were prepared For example, EDCI-mediated coupling of 2-(6-methoxy-3-pyridyl)-1-(2-pyridyl)-1H-imidazole-4-carboxylic acid with (3R)-fluoropiperidine hydrochloride afforded compound IV in 44% yield. In platelet aggregation inhibition assays, the IC50 value of compound IV was 0.11  $\mu$ M. Of note, compds. I inhibit neither COX-1 nor COX-2. Disclosed compds. I are claimed useful for the treatment of ischemia.

IT 787564-53-8P  
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of azole compds. as platelet aggregation inhibitors for treatment of ischemia)

RN 787564-53-8 CAPLUS

CN Methanone, 4,7-diazaspiro[2.5]oct-7-yl[1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)





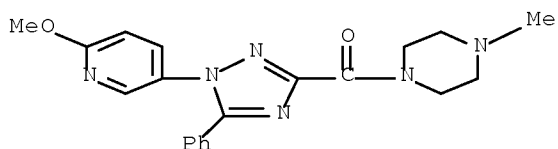
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 787562-83-8P 787562-84-9P 787562-85-0P  
 787562-86-1P 787562-87-2P 787562-88-3P  
 787562-89-4P 787562-90-7P 787562-92-9P  
 787563-02-4P 787563-03-5P 787563-07-9P  
 787563-08-0P 787563-12-6P 787563-14-8P  
 787563-15-9P 787563-16-0P 787563-17-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)

(preparation of azole compds. as platelet aggregation inhibitors for  
 treatment of ischemia)

RN 787562-73-6 CAPLUS

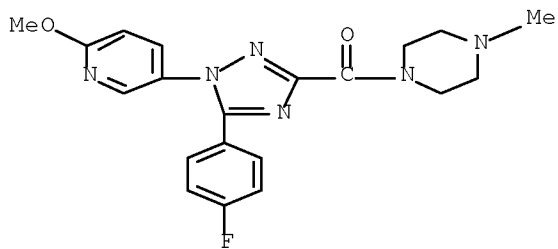
CN Methanone, [1-(6-methoxy-3-pyridinyl)-5-phenyl-1H-1,2,4-triazol-3-yl] (4-  
 methyl-1-piperazinyl)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 787562-74-7 CAPLUS

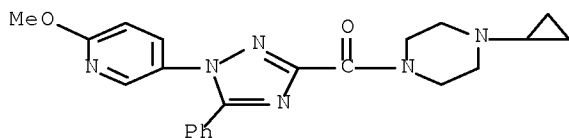
CN Methanone, [5-(4-fluorophenyl)-1-(6-methoxy-3-pyridinyl)-1H-1,2,4-triazol-  
 3-yl] (4-methyl-1-piperazinyl)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

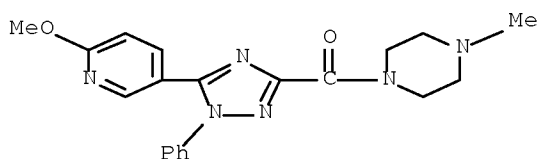
RN 787562-75-8 CAPLUS

CN Methanone, (4-cyclopropyl-1-piperazinyl) [1-(6-methoxy-3-pyridinyl)-5-  
 phenyl-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)



RN 787562-76-9 CAPLUS

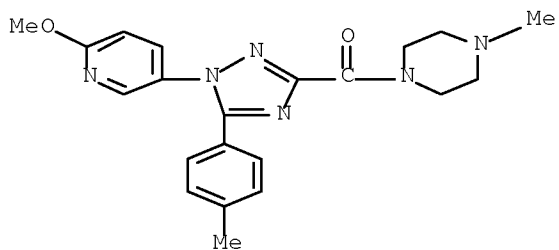
CN Methanone, [5-(6-methoxy-3-pyridinyl)-1-phenyl-1H-1,2,4-triazol-3-yl] (4-methyl-1-piperazinyl)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 787562-77-0 CAPLUS

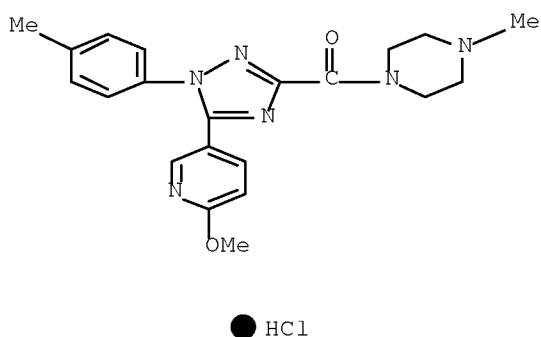
CN Methanone, [1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-1H-1,2,4-triazol-3-yl] (4-methyl-1-piperazinyl)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

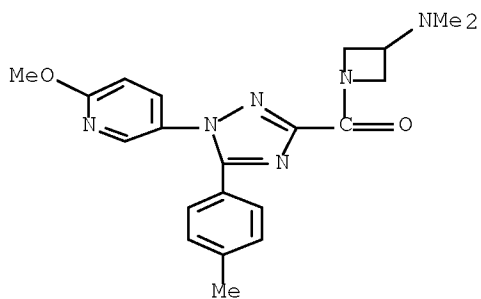
RN 787562-78-1 CAPLUS

CN Methanone, [5-(6-methoxy-3-pyridinyl)-1-(4-methylphenyl)-1H-1,2,4-triazol-3-yl] (4-methyl-1-piperazinyl)-, hydrochloride (1:1) (CA INDEX NAME)



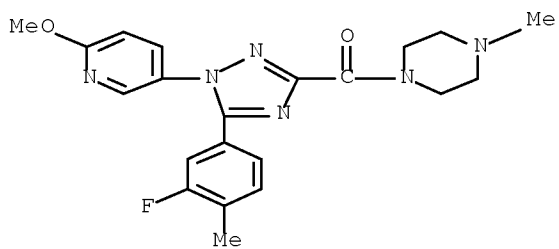
RN 787562-80-5 CAPLUS

CN Methanone, [3-(dimethylamino)-1-azetidiny][1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)



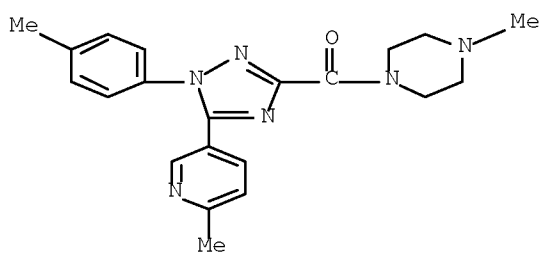
RN 787562-81-6 CAPLUS

CN Methanone, [5-(3-fluoro-4-methylphenyl)-1-(6-methoxy-3-pyridinyl)-1H-1,2,4-triazol-3-yl] (4-methyl-1-piperazinyl)- (CA INDEX NAME)



RN 787562-82-7 CAPLUS

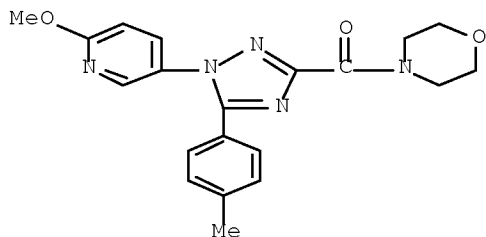
CN Methanone, [1-(4-methylphenyl)-5-(6-methyl-3-pyridinyl)-1H-1,2,4-triazol-3-yl] (4-methyl-1-piperazinyl)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

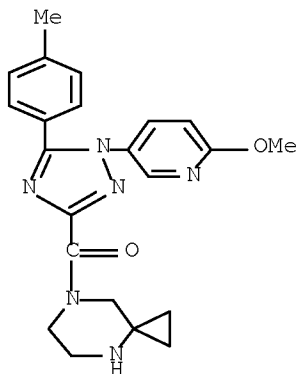
RN 787562-83-8 CAPLUS

CN Methanone, [1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-1H-1,2,4-triazol-3-yl]-4-morpholinyl- (CA INDEX NAME)



RN 787562-84-9 CAPLUS

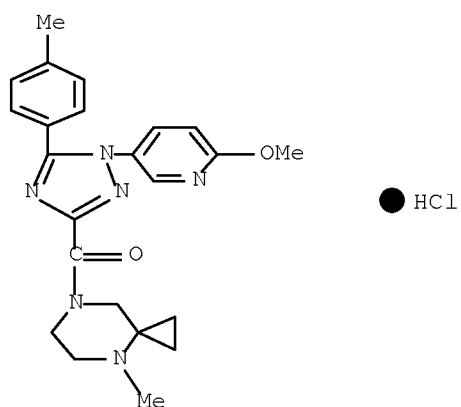
CN Methanone, 4,7-diazaspiro[2.5]oct-7-yl[1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-1H-1,2,4-triazol-3-yl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

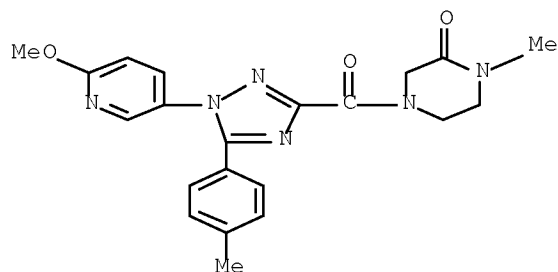
RN 787562-85-0 CAPLUS

CN Methanone, [1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-1H-1,2,4-triazol-3-yl](4-methyl-4,7-diazaspiro[2.5]oct-7-yl)-, hydrochloride (1:1) (CA INDEX NAME)



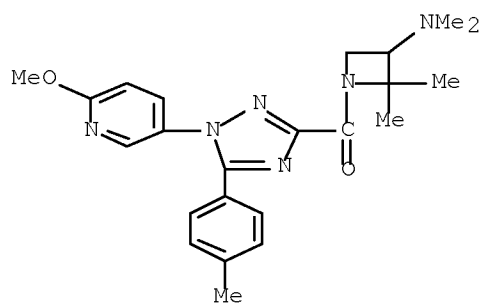
RN 787562-86-1 CAPLUS

CN 2-Piperazinone, 4-[[1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-1H-1,2,4-triazol-3-yl]carbonyl]-1-methyl- (CA INDEX NAME)



RN 787562-87-2 CAPLUS

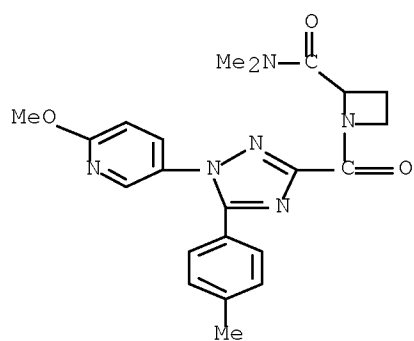
CN Methanone, [3-(dimethylamino)-2,2-dimethyl-1-azetidinyl][1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-1H-1,2,4-triazol-3-yl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

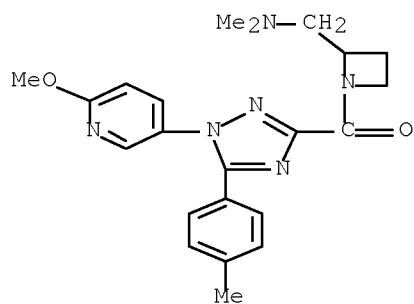
RN 787562-88-3 CAPLUS

CN 2-Azetidinecarboxamide, 1-[[1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-1H-1,2,4-triazol-3-yl]carbonyl]-N,N-dimethyl- (CA INDEX NAME)



RN 787562-89-4 CAPLUS

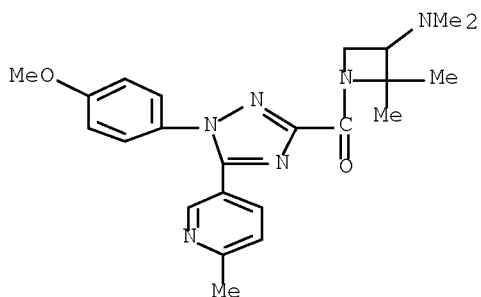
CN Methanone, [2-[(dimethylamino)methyl]-1-azetidiny][1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-1H-1,2,4-triazol-3-yl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

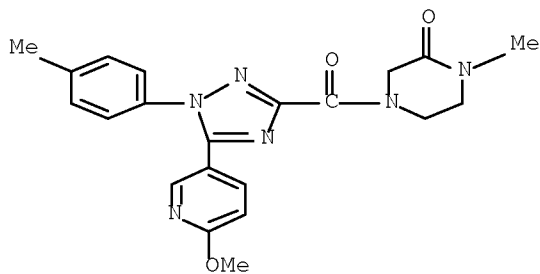
RN 787562-90-7 CAPLUS

CN Methanone, [3-(dimethylamino)-2,2-dimethyl-1-azetidiny] [1-(4-methoxyphenyl)-5-(6-methyl-3-pyridinyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)



RN 787562-92-9 CAPLUS

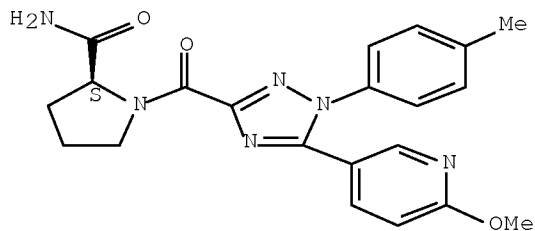
CN 2-Piperazinone, 4-[[5-(6-methoxy-3-pyridinyl)-1-(4-methylphenyl)-1H-1,2,4-triazol-3-yl]carbonyl]-1-methyl- (CA INDEX NAME)



RN 787563-02-4 CAPLUS

CN 2-Pyrrolidinecarboxamide, 1-[[5-(6-methoxy-3-pyridinyl)-1-(4-methylphenyl)-1H-1,2,4-triazol-3-yl]carbonyl]-, (2S)- (CA INDEX NAME)

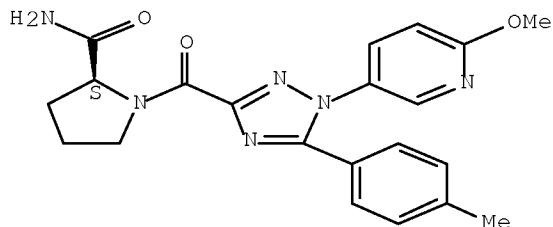
Absolute stereochemistry. Rotation (-).



RN 787563-03-5 CAPLUS

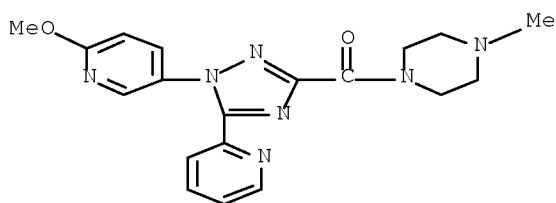
CN 2-Pyrrolidinecarboxamide, 1-[[1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-1H-1,2,4-triazol-3-yl]carbonyl]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



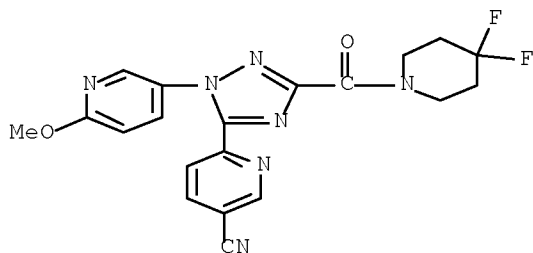
RN 787563-07-9 CAPLUS

CN Methanone, [1-(6-methoxy-3-pyridinyl)-5-(2-pyridinyl)-1H-1,2,4-triazol-3-yl](4-methyl-1-piperazinyl)- (CA INDEX NAME)



RN 787563-08-0 CAPLUS

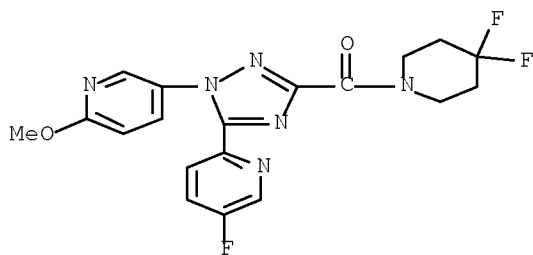
CN 3-Pyridinecarbonitrile, 6-[3-[(4,4-difluoro-1-piperidinyl)carbonyl]-1-(6-methoxy-3-pyridinyl)-1H-1,2,4-triazol-5-yl]- (CA INDEX NAME)



RN 787563-12-6 CAPLUS

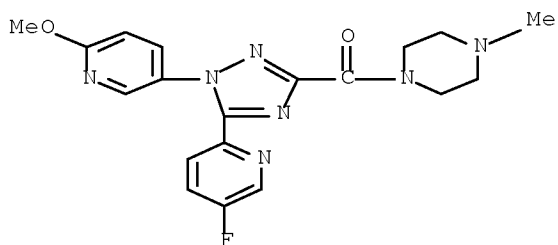
CN Methanone, (4,4-difluoro-1-piperidinyl)[5-(5-fluoro-2-pyridinyl)-1-(6-methoxy-3-pyridinyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)





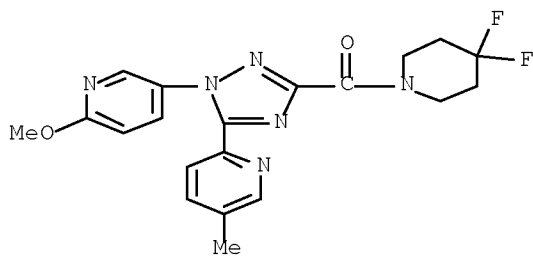
RN 787563-14-8 CAPLUS

CN Methanone, [5-(5-fluoro-2-pyridinyl)-1-(6-methoxy-3-pyridinyl)-1H-1,2,4-triazol-3-yl](4-methyl-1-piperazinyl)- (CA INDEX NAME)



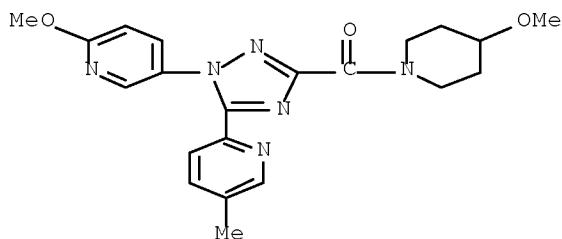
RN 787563-15-9 CAPLUS

CN Methanone, (4,4-difluoro-1-piperidinyl)[1-(6-methoxy-3-pyridinyl)-5-(5-methyl-2-pyridinyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)

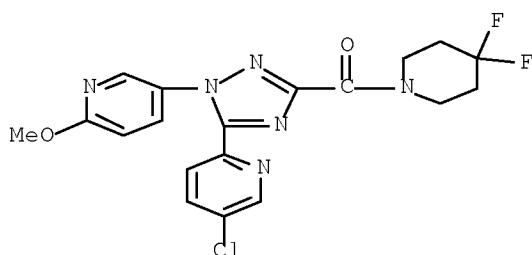


RN 787563-16-0 CAPLUS

CN Methanone, (4-methoxy-1-piperidinyl)[1-(6-methoxy-3-pyridinyl)-5-(5-methyl-2-pyridinyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)



RN 787563-17-1 CAPLUS  
 CN Methanone, [5-(5-chloro-2-pyridinyl)-1-(6-methoxy-3-pyridinyl)-1H-1,2,4-triazol-3-yl](4,4-difluoro-1-piperidinyl)- (CA INDEX NAME)

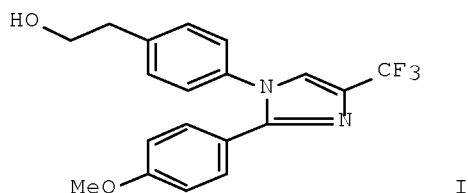


REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2004:589415 CAPLUS Full-text  
 DOCUMENT NUMBER: 141:140441  
 TITLE: Preparation of imidazole and triazole derivatives useful as selective COX-1 inhibitors  
 INVENTOR(S): Takahashi, Fumie; Nakagawa, Toshiya; Matsushima, Yuji; Nakamura, Katsuya  
 PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan  
 SOURCE: PCT Int. Appl., 211 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004060367	A1	20040722	WO 2003-JP15921	20031212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,				

ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,  
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 AU 2003288746 A1 20040729 AU 2003-288746 20031212  
 PRIORITY APPLN. INFO.: AU 2002-953602 A 20021230  
 AU 2003-901804 A 20030415  
 AU 2003-903928 A 20030728  
 WO 2003-JP15921 W 20031212  
 OTHER SOURCE(S): MARPAT 141:140441  
 GI

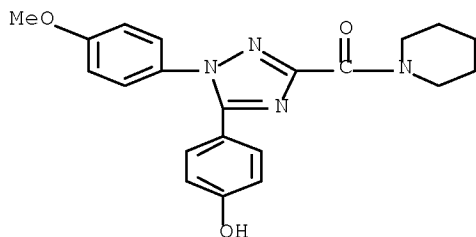


AB Imidazole and triazole derivs. were prepared for use as selective COX-1 inhibitors for treatment and/or prevention of inflammatory conditions, various pains, collagen diseases, autoimmune diseases, thrombosis, cancer or neurodegenerative diseases. Thus, 4-PhCH<sub>2</sub>OCH<sub>2</sub>CH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>NH<sub>2</sub> was treated with 4-MeOC<sub>6</sub>H<sub>4</sub>CN to give 4-PhCH<sub>2</sub>OCH<sub>2</sub>CH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>NHC(:NH)C<sub>6</sub>H<sub>4</sub>OMe-4 which was cyclized with BrCH<sub>2</sub>COCF<sub>3</sub> and debenzylated to give the imidazole I. I had IC<sub>50</sub> for COX-1 inhibition of < 0.01 and an analgesic coefficient relative to controls of > 1.5.

IT 726197-06-4P 726197-20-2P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of imidazole and triazole derivs. useful as selective COX-1 inhibitors)

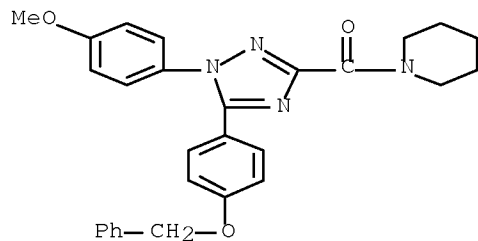
RN 726197-06-4 CAPLUS

CN Methanone, [5-(4-hydroxyphenyl)-1-(4-methoxyphenyl)-1H-1,2,4-triazol-3-yl]-1-piperidinyl- (CA INDEX NAME)

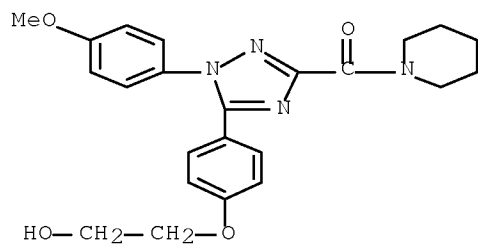


RN 726197-20-2 CAPLUS

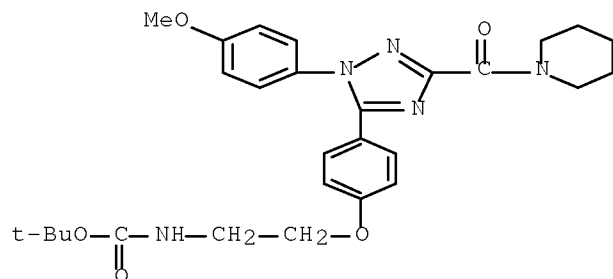
CN Methanone, [1-(4-methoxyphenyl)-5-[4-(phenylmethoxy)phenyl]-1H-1,2,4-triazol-3-yl]-1-piperidinyl- (CA INDEX NAME)



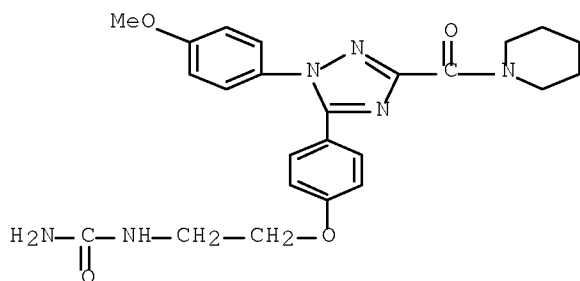
IT 726195-26-2P 726195-46-6P 726195-54-6P  
 726195-64-8P 726195-74-0P  
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of imidazole and triazole derivs. useful as selective COX-1 inhibitors)  
 RN 726195-26-2 CAPLUS  
 CN Methanone, [5-[4-(2-hydroxyethoxy)phenyl]-1-(4-methoxyphenyl)-1H-1,2,4-triazol-3-yl]-1-piperidinyl- (CA INDEX NAME)



RN 726195-46-6 CAPLUS  
 CN Carbamic acid, [2-[4-[1-(4-methoxyphenyl)-3-(1-piperidinylcarbonyl)-1H-1,2,4-triazol-5-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

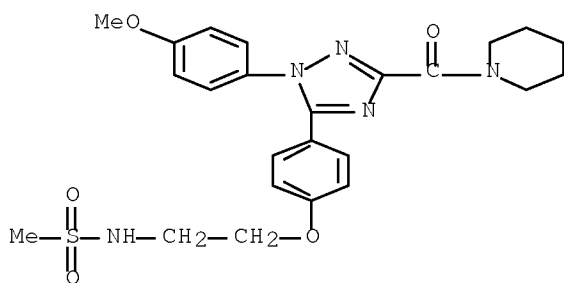


RN 726195-54-6 CAPLUS  
 CN Urea, N-[2-[4-[1-(4-methoxyphenyl)-3-(1-piperidinylcarbonyl)-1H-1,2,4-triazol-5-yl]phenoxy]ethyl]- (CA INDEX NAME)



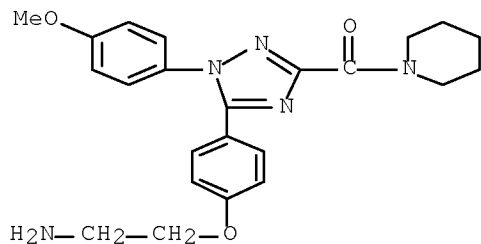
RN 726195-64-8 CAPLUS

CN Methanesulfonamide, N-[2-[4-[1-(4-methoxyphenyl)-3-(1-piperidinylcarbonyl)-1H-1,2,4-triazol-5-yl]phenoxy]ethyl]- (CA INDEX NAME)



RN 726195-74-0 CAPLUS

CN Methanone, [5-[4-(2-aminoethoxy)phenyl]-1-(4-methoxyphenyl)-1H-1,2,4-triazol-3-yl]-1-piperidinyl-, hydrochloride (1:1) (CA INDEX NAME)



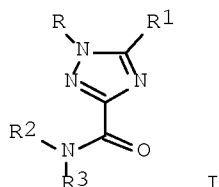
● HCl

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

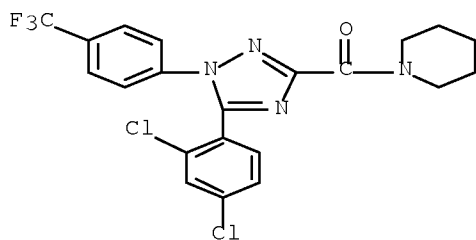
L3 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2004:272442 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 140:303680  
 TITLE: Preparation of 1H-1,2,4-triazole-3-carboxamides as cannabinoid-CB1 receptor ligands  
 INVENTOR(S): Lange, Josephus H. m.; Kruse, Cornelis G.; McCreary, Andrew C.; Van Stuivenberg, Herman H.  
 PATENT ASSIGNEE(S): Solvay Pharmaceuticals B.V., Neth.  
 SOURCE: PCT Int. Appl., 20 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

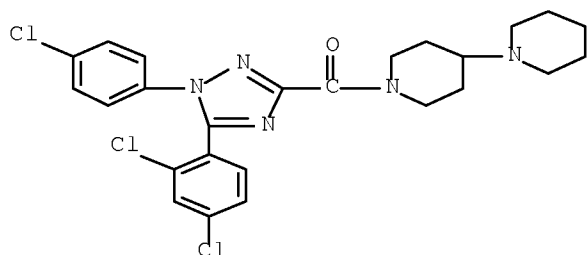
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004026301	A1	20040401	WO 2003-EP50628	20030917
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1402891	A1	20040331	EP 2002-78966	20020919
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US 20040106614	A1	20040603	US 2003-662477	20030916
US 7319110	B2	20080115		
CA 2491394	A1	20040401	CA 2003-2491394	20030917
AU 2003299024	A1	20040408	AU 2003-299024	20030917
AU 2003299024	B2	20080306		
BR 2003012020	A	20050322	BR 2003-12020	20030917
EP 1542678	A1	20050622	EP 2003-797318	20030917
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1671377	A	20050921	CN 2003-817352	20030917
CN 1319529	C	20070606		
JP 2006501275	T	20060112	JP 2004-537155	20030917
RU 2325382	C2	20080527	RU 2005-103244	20030917
IN 2004CN03228	A	20060303	IN 2004-CN3228	20041213
ZA 2005000133	A	20051101	ZA 2005-133	20050106
MX 2005002862	A	20050527	MX 2005-2862	20050315
NO 2005001870	A	20050603	NO 2005-1870	20050418
HK 1078796	A1	20071012	HK 2005-110963	20051201
PRIORITY APPLN. INFO.:			EP 2002-78966	A 20020919
			WO 2003-EP50628	W 20030917
OTHER SOURCE(S):	MARPAT 140:303680			
GI				



- AB The title compds. [I; R, R1 = Ph, naphthyl, thienyl, pyridyl, etc.; R2 = H, alkyl, cycloalkylalkyl, Ph, etc.; R3 = alkyl, alkoxy, cycloalkyl, etc.; or NR2R3 = (un)saturated monocyclic or bicyclic heterocyclyl] which are potent cannabinoid-CB1 receptor agonists, partial agonists, inverse agonists or antagonists, useful for the treatment of disorders involving cannabinoid neurotransmission, were prepared E.g., a 4-step synthesis of 5-(4-chlorophenyl)-1-(2,4-dichlorophenyl)-N-(piperidin-1-yl)-1H-1,2,4-triazole-3-carboxamide hydrochloride, starting from di-Me aminomalonate.HCl and 4-chlorobenzoyl chloride, was given. The compds. I were tested for in vitro affinity and in vitro antagonism at human cannabinoid-CB1 receptors. The biol. data were given for representative compds. I. The pharmaceutical composition comprising the compound I is claimed.
- IT 676457-12-8P 676457-31-1P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of 1H-1,2,4-triazole-3-carboxamides as cannabinoid-CB1 receptor ligands)
- RN 676457-12-8 CAPLUS
- CN Methanone, [5-(2,4-dichlorophenyl)-1-[4-(trifluoromethyl)phenyl]-1H-1,2,4-triazol-3-yl]-1-piperidinyl- (CA INDEX NAME)



- RN 676457-31-1 CAPLUS
- CN Methanone, [1,4'-bipiperidin]-1'-yl[1-(4-chlorophenyl)-5-(2,4-dichlorophenyl)-1H-1,2,4-triazol-3-yl]- (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2004:153570 CAPLUS [Full-text](#)  
 DOCUMENT NUMBER: 140:391240  
 TITLE: Potent imidazole and triazole CB1 receptor antagonists related to SR141716  
 AUTHOR(S): Dyck, Brian; Goodfellow, Val S.; Phillips, Teresa; Grey, Jonathan; Haddach, Mustapha; Rowbottom, Martin; Naeve, Gregory S.; Brown, Brock; Saunders, John  
 CORPORATE SOURCE: Departments of Medicinal Chemistry, Pharmacology and Molecular Biology, Neurocrine Biosciences Inc., San Diego, CA, 92121, USA  
 SOURCE: Bioorganic & Medicinal Chemistry Letters (2004), 14(5), 1151-1154  
 CODEN: BMCLE8; ISSN: 0960-894X  
 PUBLISHER: Elsevier Science B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 140:391240  
 GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

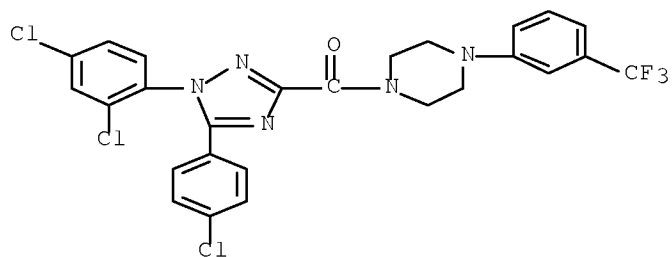
AB Diarylimidazolecarboxamides and diaryltriazolecarboxamides related to SR141716 were synthesized and tested for binding to the human CB1 receptor. Suitably substituted imidazoles are comparably potent to the clin. candidate, whereas the analogous triazoles are less so due to the absence of an addnl. substituent on the azole ring. Example compds. thus prepared and evaluated were derivs. of 5-(4-chlorophenyl)-1-(2,4-dichlorophenyl)-4-methyl-N-1-piperidinyl-1H-pyrazole-3-carboxamide (SR 141716) (I), such as 5-(4-chlorophenyl)-1-(2,4-dichlorophenyl)-N-(hexahydro-1H-azepin-1-yl)-1H-1,2,4-triazole-3-carboxamide (II) and 1-(4-chlorophenyl)-2-(2,4-dichlorophenyl)-N-(hexahydrocyclopenta[c]pyrrol-2(1H)-yl)-5-methyl-1H-imidazole-4-carboxamide (III).

IT 683208-86-8F  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
 (preparation of imidazolecarboxamides and triazolecarboxamides related to SR 141716 and study of their activity as cannabinoid CB1 receptor antagonists)

RN 683208-86-8 CAPLUS



CN Methanone, [5-(4-chlorophenyl)-1-(2,4-dichlorophenyl)-1H-1,2,4-triazol-3-yl][4-[3-(trifluoromethyl)phenyl]-1-piperazinyl]- (CA INDEX NAME)



REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1974:505370 CAPLUS Full-text

DOCUMENT NUMBER: 81:105370

ORIGINAL REFERENCE NO.: 81:16667a,16670a

TITLE: Heterocyclization of  $\alpha$ -acylamino amides. III.  
Properties of 5-aminooxazoles

AUTHOR(S): Clerin, Daniel; Fleury, Jean P.

CORPORATE SOURCE: Lab. Chim. Org. Gen., Ec. Super. Chim., Mulhouse, Fr.

SOURCE: Bulletin de la Societe Chimique de France (1974),  
(1-2, Pt. 2), 211-17

CODEN: BSCFAS; ISSN: 0037-8968

DOCUMENT TYPE: Journal

LANGUAGE: French

GI For diagram(s), see printed CA Issue.

AB Treatment of 5-amino-2-aryl(or alkyl)oxazoles (I; R<sub>2</sub>N = piperidino, 1-pyrrolidinyl, morpholino; R<sub>1</sub> = Ph, p-O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>, p-MeC<sub>6</sub>H<sub>4</sub>, Me) with electrophiles gave: with H<sub>3</sub>O<sup>+</sup>, R<sub>2</sub>NCOCH<sub>2</sub>NHCOR<sub>1</sub>; with (CF<sub>3</sub>CO)<sub>2</sub>I, 4-CF<sub>3</sub>CO derivs. of I; with PhNCO and PhNCS, 4-PhNHCO and 4-PhNCS derivs. of I; with arenediazonium salts, 4-position addition products, some of which rearranged to s-triazoles; and with sulfonyl azides, R<sub>2</sub>SO<sub>2</sub>N<sub>3</sub> (R = Me, p-MeC<sub>6</sub>H<sub>4</sub>), cycloaddn. products which rearranged with N elimination, then reacted with a second mol. of I to give II. When I had a Me group in the 4-position, reaction with arenediazonium salts opened the ring.

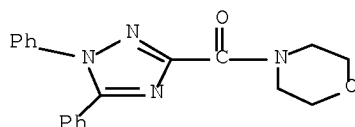
IT 53423-03-3P 53423-04-4P 53423-19-1P

53423-20-4P

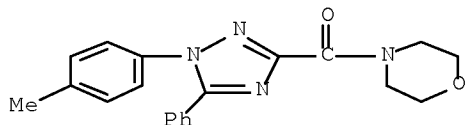
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 53423-03-3 CAPLUS

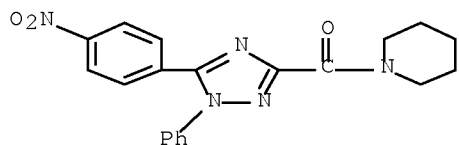
CN Methanone, (1,5-diphenyl-1H-1,2,4-triazol-3-yl)-4-morpholinyl- (CA INDEX NAME)



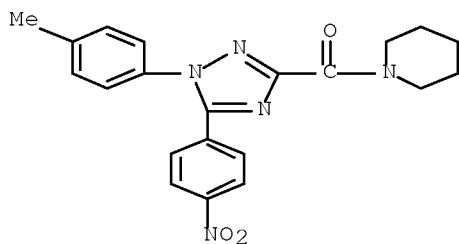
RN 53423-04-4 CAPLUS  
CN Methanone, [1-(4-methylphenyl)-5-phenyl-1H-1,2,4-triazol-3-yl]-4-morpholinyl- (CA INDEX NAME)



RN 53423-19-1 CAPLUS  
CN Methanone, [5-(4-nitrophenyl)-1-phenyl-1H-1,2,4-triazol-3-yl]-1-piperidinyl- (CA INDEX NAME)



RN 53423-20-4 CAPLUS  
CN Methanone, [1-(4-methylphenyl)-5-(4-nitrophenyl)-1H-1,2,4-triazol-3-yl]-1-piperidinyl- (CA INDEX NAME)



L3 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 1961:131227 CAPLUS [Full-text](#)  
DOCUMENT NUMBER: 55:131227  
ORIGINAL REFERENCE NO.: 55:24729e-i  
TITLE: Action of organomagnesium compounds, piperidine, and aromatic thiols on 4-aryldiazo-2-phenyloxazolin-5-ones  
AUTHOR(S): Asker, Wafia; Elagroudi, Zien E.  
CORPORATE SOURCE: Cairo Univ., Giza, Egypt  
SOURCE: Journal of Organic Chemistry (1961), 26, 1440-3  
CODEN: JOCEAH; ISSN: 0022-3263  
DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

OTHER SOURCE(S): CASREACT 55:131227

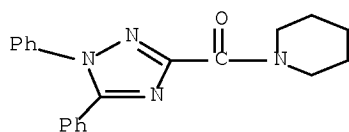
GI For diagram(s), see printed CA Issue.

AB The action of excess R'MgX on RNHN:C.N:CPh.O.CO (I) gave 1H-1,2,4-triazoles, RN.CPh:N.C(CR'2OH):N (II). Thus, adding 1 g. I (R = Ph) in 50 ml. C6H6 to PhMgBr (from 0.9 g. Mg and 9 g. PhBr in 50 ml. Et2O), refluxing the mixture 3 hrs., keeping it overnight at 25°, decompg, it with saturated aqueous NH4Cl, extracting with Et2O, evaporating the dried Et2O extract, and triturating the residue with petr. ether gave 60% II (R and R' = Ph), m. 180°. The appropriate I and R'MgBr gave the following II (R, R', % yield, and m.p. given): Ph, p-MeC6H4, 70, 189°, o-MeC6H4, Ph, 60, 152°; p-MeC6H4, Ph, 55, 145°; β-C10H7, Ph, 50, 201°. The products turned red with H2SO4. The action of piperidine on I caused a rearrangement to 1H-1,2,4-triazoles, RN.CPh:N.C(CONC5H10):N (III). Thus, adding 0.5 g. appropriate I to 0.5 ml. distilled. C5H10NH, shaking the mixture 15 min. to a clear solution, keeping it overnight at room temperature, triturating with hot petr. ether, and crystallizing the solids from dilute alc. gave the following III (R, % yield, m.p. given): Ph, 94, 193°; o-MeC6H4, 90, 127°; p-MeC6H4, 82, 141°; β-C10H7, 77, 130°. A similar rearrangement was observed from the action of aromatic thiols on I to also give 1 H-1,2,4-triazoles, RN.CPh: N.C(COSR'):N (IV). Thus, heating 1 g. I and 1 g. R'SH at 110 1.5 hrs., cooling, triturating with petr. ether, and crystallizing the residue from EtOH gave the following IV (R, R', % yield, m.p. given): Ph, Ph, 41, 146°; Ph, p-MeC6H4, 62, 195°; o-MeC6H4, p-MeC6H4, - 55, 181; p-MeC6H4, p-MeC6H4, 41, 177°; β-C10H7, p-MeC6H4, 46, 183°.

IT 111384-11-3P, Piperidine, 1-(1,5-diphenyl-1H-1,2,4-triazol-3-ylcarbonyl)- 115101-88-7P, Piperidine, 1-[5-phenyl-1-p-tolyl-1H-1,2,4-triazol-3-ylcarbonyl]- 115163-48-9P, Piperidine, 1-[5-phenyl-1-o-tolyl-1H-1,2,4-triazol-3-ylcarbonyl]- 122680-09-5P, Piperidine, 1-[1-(2-naphthyl)-5-phenyl-1H-1,2,4-triazol-3-ylcarbonyl]-  
RL: PREP (Preparation)  
(preparation of)

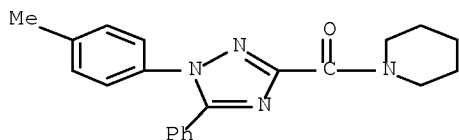
RN 111384-11-3 CAPLUS

CN Methanone, (1,5-diphenyl-1H-1,2,4-triazol-3-yl)-1-piperidinyl- (CA INDEX NAME)



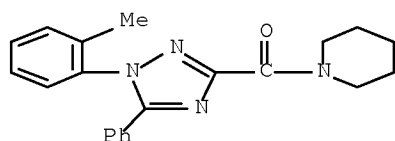
RN 115101-88-7 CAPLUS

CN Methanone, [1-(4-methylphenyl)-5-phenyl-1H-1,2,4-triazol-3-yl]-1-piperidinyl- (CA INDEX NAME)



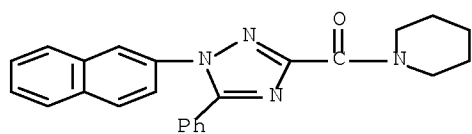
RN 115163-48-9 CAPLUS

CN Methanone, [1-(2-methylphenyl)-5-phenyl-1H-1,2,4-triazol-3-yl]-1-piperidinyl- (CA INDEX NAME)



RN 122680-09-5 CAPLUS

CN Methanone, [1-(2-naphthalenyl)-5-phenyl-1H-1,2,4-triazol-3-yl]-1-piperidinyl- (CA INDEX NAME)



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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

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